

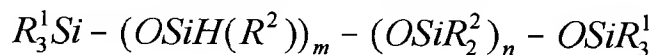
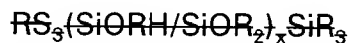
IN THE SPECIFICATION:

Please amend the Specification by substituting the following paragraphs, as indicated.

Please replace the paragraph beginning on page 8, line 8 and ending on page 8, line 9, with the following:

a¹ (D) from 0.01 to 3 parts by weight of a cure inhibitor, preferably of the type 4 or 5, ethynyl ethyl cyclohexan-1-ol;

Please replace the paragraph beginning on page 9, line 15 and ending on page 10, line 2, with the following:



a² cont ~~Wherein each R¹~~ is independently chosen from a hydrogen or monovalent hydrocarbon radical free of aliphatic unsaturation containing 1 to about 8 carbon atoms, R² is independently chosen from a monovalent hydrocarbon radical free from aliphatic unsaturation containing 1 to about 4 carbon atoms, and ~~x~~ m is 1, 2, 3..., n is 0, 1, 2..., and m + n varies so that the crosslinker has a viscosity ranging from about 80 to 1,000 centipoises at 25°C.

Preferably each R is independently chosen from as a methyl, ethyl, vinyl, hydroxy, propyl, and 3,3,3-trifluoropropyl, and/or a branch chain of polydiorganosiloxane group and is itself a straight chain where x is given to create a viscosity of 10,000 to 10,000,000 centipoises at 25° C. These may

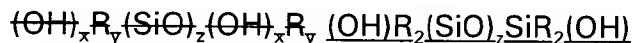
a2
Lorell
contain mixtures of such polymers or block co-polymers of same to give vinyl functionality for cross-linking. They may also be blended to provide desired thermo-chemical reaction rates. Examples of cross linkers include Dow Corning 1107 and 63570 cross-linkers with Dow Corning silbond 7608 being preferable.

Please replace the paragraph beginning at page 10, line 21 and ending on page 10, line 23 with the following:

a3
In general, the cure inhibitor compound is an acetylene alcohol derivative such as ethenylcyclohexanol or ~~pyradien~~ pyridine alcohol having the following general formula:

Please replace the paragraph beginning at page 11, line 9 and ending on page ~~9~~, line 19 with the following:

In general, the adhesion promoter is a hydroxinated silicone compound is of the formula:



Where ~~$x + y = 3$~~ , and ~~x may equal 1, 2, or 3~~, R is any hydrocarbon alkyl or alkenyl radical linear or branched comprising not more than 10 carbon atoms, R' is any mixture of any alkyl, alkenyl, aliphatic, or aromatic radical, linear or branched, up to 12 carbon atoms, and where z is of sufficient number to create a viscosity of about 50 to about 10,000 centipoises at 25°C. In

Serial No. 09/997,473

Page -4-

al 4, correct
general from .01 to 30, preferably from .05 to 2, and more preferably from .5 to 1, parts per weight are used. Examples include 1-hydroxy 2,3 methyl endblocked vinylmethysiloxane (DP 10 to 12 with 2 to 4 pendant vinyl groups).

Please replace the paragraph beginning at page 11, line 21 and ending on page 12, line 5 with the following:

In general, the epoxy-functional compound is of the formula:



as correct
~~where RO refers to a saturated linear alkoxy group and R' is an alkane, substituted or unsubstituted, H is hydrogen, hydroxy or halogen with $x+y+z=3$, and R'' is an oxirynic derivative containing 6-15 carbon atoms. Preferably, this compound is glycidoxypopyltrimethoxysilane. n is 0 or 1, R^1 is an epoxyalkyl or alkenyl radical, R^2 is an alkyl radical, and R^3 is an alkoxy, carboxy or ketoximo radical. Preferably, R^1 is a glycidoxy, R^2 is a propyl, and R^3 is a methoxy or ethoxy group. Others include methacrylvinylpolysilane, chlorotrimethoxysilane, vinyltrimethoxysilane, and divinyltrimethoxysilane. In generally from .01 to 30, preferably from .05 to 1.0 and more preferably from .10 to .60, parts by weight are used.~~

In Table 1 beginning at page 18, line 5, please amend the table as follows:

Run	E	F	G	H	Steel	PPA	Nylon
0	0	0	0	0	0	0	0

b
a
c
l
m
n

1	0.10	<u>3.00</u>	<u>3.00</u>	<u>0.10</u>	<u>0.5</u>	1.00	0	50	60
2	0.20	<u>3.00</u>	<u>3.00</u>	<u>0.20</u>	<u>0.5</u>	1.00	0	70	80
3	0.35	<u>3.00</u>	<u>3.00</u>	<u>0.35</u>	0	0.50	20	80	90
4	0.35	<u>5.00</u>	<u>5.00</u>	<u>0.35</u>	0	1.00	0	90	95
5	0.35	<u>7.00</u>	<u>7.00</u>	<u>0.35</u>	0	1.50	0	95	100
6	0.50	<u>3.00</u>	<u>3.00</u>	<u>0.50</u>	0	1.00	5	100	100
7	0.50	<u>5.00</u>	<u>5.00</u>	<u>0.50</u>	0	1.50	10	100	100
8	0.50	<u>7.00</u>	<u>7.00</u>	<u>0.50</u>	0	1.50	20	100	100
9*	0.35	<u>5.00</u>	<u>5.00</u>	<u>0.35</u>	0	1.00	0	95	90
10	0.35	<u>5.00</u>	<u>5.00</u>	<u>0.35</u>	0	0.2	10	100	100
11	0.35	<u>5.00</u>	<u>5.00</u>	<u>0.35</u>	<u>0.5</u>	0.3	0	100	100
12	0.35	<u>5.00</u>	<u>5.00</u>	<u>0.35</u>	<u>0.5</u>	0.4	0	100	100
13	0.35	<u>5.00</u>	<u>5.00</u>	<u>0.35</u>	<u>0.5</u>	0.5	0	90	95

On page 18, please replace lines 21-24 with the following:

Component E - adhesion promoter: Glycidoxypolytrimethoxysilane Hydroxyl
End Blocked, polysiloxane

Component F - Epoxy functional compound: Hydroxyl End Blocked, specifically
Polydimethylvinylsiloxane Glycidoxypolytrimethoxysilane

Component G - Polydiorganosiloxane: Polydimethylsiloxane 100cs Selective
release additive: Trimethyl end blocked polysiloxane

In Table 2 beginning at page 19, line 18, please amend the table as
follows:

Run	E	F	G	H	Steel	PPA	Nylon
14	0.35 <u>0.5</u>	0.5 <u>0.35</u>	0.8	0	0	10	20
15	0.35 <u>0.5</u>	0.5 <u>0.35</u>	1.4	0	15	25	35
16	0.4 <u>0.5</u>	0.5 <u>0.4</u>	0.8	0	0	20	30
17	0.4 <u>0.5</u>	0.5 <u>0.4</u>	1.4	0	10	40	50

Serial No. 09/997,473

Page -6-

cd

18	0.61 <u>0.5</u>	0.5 <u>0.61</u>	0.8	0.35	0	60	100
19	0.76 <u>0.5</u>	0.5 <u>0.76</u>	0.8	0.5	0	65	100
